

# WOLLONGONG UNIVERSITY COLLEGE

## HANDBOOK 1967



THE UNIVERSITY OF NEW SOUTH WALES

1967 HANDBOOK  
FOR STUDENTS

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WOLLONGONG UNIVERSITY COLLEGE  
WOLLONGONG, N.S.W.  
TELEPHONE: 2-7301

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*Looking south. The Engineering Building is on the right,  
and the building in the background is the Science and  
Metallurgy Building.*



# Introduction

Wollongong University College was established as a College of the University of New South Wales in May, 1961, under the provisions of *The Technical Education and University of New South Wales Act, 1949, as amended*, which gives the Council the power to 'establish and maintain branches, departments or colleges of the University at Wollongong, Broken Hill or such other place in the State as the Council deems fit'. The Council has established the Wollongong University College Advisory Committee to advise it on all matters affecting the College; and an Academic Advisory Committee to consider and report upon matters relating to the academic programme of Wollongong University College.

In March, 1962, the College moved to its present site at North Wollongong. The site, which occupies about fifty-five acres, is approximately two miles from the centre of the City of Wollongong.

At present, the first year or early years of most courses (with the exception of Architecture, Building, Town Planning, Surveying and Social Work) offered by the University of New South Wales are available at Wollongong. In addition, post-graduate work may also be undertaken. Specific details regarding the availability of courses at Wollongong are listed in another section of this handbook.

The identity of the courses at the College with those offered by the University of New South Wales at other centres makes possible the ready transfer of students, and the proximity to Sydney enables the staff of the College to be in close association with the parent University at Kensington.

This handbook has been specially designed as a source of reference for students at Wollongong, and will prove useful for consultation throughout the first year. However, it should be read in conjunction with the University calendar where complete details regarding courses, staff membership, scholarships, etc., can be found.

# Principal Dates

1967

Term 1 (11 weeks) .....	6th March to 20th May.
Term 2 (10 weeks) .....	5th June to 12th August.
Term 3 (9 weeks) .....	4th September to 4th November.
Annual Examinations—	
24-week courses .....	23rd September to 7th October.
30-week courses .....	11th November to 2nd December.

## *January*

Monday 23 .....	Last day for acceptance of applications to enrol by new students and students repeating first year.
Monday 30 .....	Australia Day—Public Holiday.
Tuesday 30 to Saturday 11 February ..	Deferred Examinations.

## *February*

Monday 20 to Friday 24 .....	Enrolment period for new first year students.
Monday 27 to Friday 3 March .....	Enrolment period for re-enrolling students.

## *March*

Monday 6 .....	First term lectures commence.
Friday 17 .....	Last day of enrolment for new students.
Friday 24 to Monday 27 .....	Easter Holidays.
Friday 31 .....	Last day for later year enrolments.

## *April*

Friday 7 .....	Graduation Ceremony.
Tuesday 25 .....	Anzac Day—Public Holiday.

### *May*

Saturday 20 ..... First term ends.

### *June*

Monday 5 ..... Second term commences.

Monday 12 ..... Queen's Birthday—Public Holiday.

### *July*

Friday 14 ..... Last day for acceptance of  
applications for examinations.

### *August*

Saturday 12 ..... Second term ends.

### *September*

Monday 4 ..... Third term commences.

Saturday 23 ..... Annual examinations commence—  
24 week courses.

### *October*

Saturday 7 ..... Annual examinations end—24 week  
courses.

Monday 2 ..... Six Hour Day—Public Holiday.

### *November*

Saturday 4 ..... Third term lectures cease.

Saturday 11 to

Saturday 2 December .. Annual examinations—30 week  
courses.

## **1 9 6 8**

Term 1 (11 weeks) ..... 4th March to 18th May.

Term 2 (10 weeks) ..... 3rd June to 10th August.

Term 3 (9 weeks) ..... 2nd September to 2nd November.

### *January*

Monday 29 ..... Australia Day—Public Holiday.

Tuesday 30 to

Saturday 10 February .. Deferred examinations.

### *March*

Monday 4 ..... First Term lectures commence.



## WOLLONGONG UNIVERSITY COLLEGE

### ADVISORY COMMITTEE

**Chairman:** The Vice-Chancellor, Professor Sir Philip Baxter.

**Deputy Chairman:** Dr. F. M. Mathews, *Chief Engineer, Australian Iron & Steel Pty. Ltd., Port Kembla.*

**The Warden,** Professor C. A. M. Gray.

Dr. K. J. Ausburn, *Department of Physics, Wollongong University College.*

Mr. J. E. Beale, *Solicitor, Wollongong.*

Mrs. J. P. Brown, *Business & Professional Women's Association, Wollongong.*

Professor M. Chaikin, *Dean of Faculty of Applied Science.*

Professor J. F. Clark, *Pro-Vice-Chancellor.*

Mr. J. K. Doherty, *Field Engineer, Coalcliff Collieries, Coalcliff.*

Mr. R. G. Gole, *Public Accountant, Wollongong.*

Mr. H. H. Hartley, *Manager, Electrolytic Refining & Smelting Co. of Australia Pty. Ltd., Port Kembla.*

Professor A. Keane, *Wollongong University College.*

Mr. J. C. F. Lysaght, *Director and Works General Manager, John Lysaght (Aust.) Ltd., Port Kembla.*

Mr. T. H. Malcolm, *Secretary, Kembla Branch, Federated Ironworkers' Association, Wollongong.*

Miss K. McCredie, *Principal, Sydney Church of England Girls' Grammar School, Keiraville.*

Mr. W. McGrath, *Principal, Wollongong Teachers' College, Wollongong.*

Mr. S. C. Palmer, *Architect, Wollongong.*

Mr. A. A. Parish, *General Manager, Australian Iron & Steel Pty. Ltd., N.S.W., Port Kembla.*

Mr. D. Parry, *Managing Director, Southern Engineering Services Pty. Ltd., Wollongong.*

Mr. R. J. Pearson, *Manager, Metal Manufactures Pty. Ltd., Port Kembla.*

Professor B. J. Ralph, *Dean of Faculty of Science.*

Mr. E. D. Ramsay, *President, South Coast Trades and Labour Council, Wollongong.*

Professor E. B. Smyth, *Dean of Faculty of Commerce.*

Professor J. B. Thornton, *Dean of Faculty of Arts.*

Professor A. H. Willis, *Dean of Faculty of Engineering.*

Mr. I. C. Young, *Area Director, Department of Education, Wollongong.*

## STAFF

### WARDEN

Professor C. A. M. Gray, Hon.JMN, BSc ME *Syd.*, MIMechE, AMICE,  
AMIEAust, Emeritus Professor, University of Malaya

### SENIOR ADMINISTRATIVE OFFICER

D. J. Webster, BA *N.Z.*

### ADMINISTRATIVE ASSISTANTS

M. J. Boland, AASA  
J. F. White, BA *N.E.*

### LIBRARIAN

D. A. R. Kemp

## DIVISION OF ENGINEERING

### HEAD OF DIVISION OF ENGINEERING

Professor C. A. M. Gray, Hon.JMN, BSc ME *Syd.*, MIMechE, AMICE,  
AMIEAust, Emeritus Professor, University of Malaya

### Department of Electrical Engineering

#### SENIOR LECTURER

O. J. Tassicker, MEE *Melb.*, MIEAust, AMIEE

#### LECTURERS

W. H. Charlton, BE *N.S.W.*, ASTC, AMIEE  
Z. Herceg, DipEng *Zagreb*, AMIEAust  
K. J. McLean, ME *N.Z.*, BD *Melb.*, AMIEAust

### Department of Mechanical Engineering

#### ASSOCIATE PROFESSOR

S. E. Bonamy, BE *Syd.*, MSc *Birm.*, PhD *N.S.W.*, ASTC AMIEAust,  
AMIMEchE

#### SENIOR LECTURERS

A. W. Roberts, BE PhD *N.S.W.*, ASTC, AMIEAust, AMIMEchE  
R. W. Upfold, ME *N.S.W.*, ASTC, AMIEAust, AMIMEchE  
P. van der Werf, ME PhD *N.S.W.*, ASTC, AMIEAust

#### LECTURERS

P. C. Arnold, BE *N.S.W.*  
M. J. Lowrey, BE *N.S.W.*, ASTC, AMIEAust

#### PROFESSIONAL OFFICER

R. M. Kinnell, ASTC, AMIEAust

## DIVISION OF SCIENCE

### Department of Chemistry

#### ASSOCIATE PROFESSOR

E. Gellert, DrPhil *Basle*, FRACI

#### SENIOR LECTURER

F. M. Hall, MSc *N.S.W.*, ASTC, ARACI

#### LECTURERS

P. D. Bolton, BSc *Exe.*, PhD *Lond.*, ARIC  
W. K. Hannan, MSc *Syd.*  
E. Kokot, BSc PhD *N.S.W.*, ASTC, ARACI  
I. H. Reece, MSc *N.S.W.*, ASTC, ARACI

SENIOR TUTORS

D. J. Campbell, BSc DipEd *Tas.*  
R. Rudzats, MSc *N.S.W.*, ASTC, ARACI, ARIC

POST-DOCTORAL RESEARCH FELLOW

K N. Trivedi, MSc PhD *Bda.*

**Department of Mathematics**

PROFESSOR OF MATHEMATICS

A. Keane, MSc *Syd.*, PhD *N.S.W.*

SENIOR LECTURERS

A. E. Chapman, MSc *Lond.*  
C. A. Wilkins, MSc *N.Z.*, PhD *N.S.W.*

LECTURER

T. S. Horner, BSc DipEd *Syd.*

TEACHING FELLOW

C. Chiarella, MSc *Syd.*

**Department of Metallurgy**

SENIOR LECTURER

G. Brinson, MSc *Melb.*, PhD *Sheff.*, FIM, AMAusIMM

LECTURERS

T. W. Barnes, MSc *N.S.W.*, ASTC, AIM, AMAusIMM  
A. C. Cook, MA *Cantab.*, AMAusIMM, FGS—*Geology*  
N. F. Kennon, MSc *N.S.W.*, FRMTC, AIM, AMAusIMM  
N. Salasoo, BSc *N.S.W.*, ASTC, AMAusIMM  
N. Standish, MSc *N.S.W.*, PhD *Otago*, ASTC, ANZIC, AMAusIMM

TUTOR

V E. Thomson, BSc *Syd.*—*Geology*

TEACHING FELLOW

S. Marich, BSc *N.S.W.*

**Department of Physics**

SENIOR LECTURER

K. J. Ausburn, BSc *Syd.*, MSc *Lond.*, PhD *N.S.W.*, DIC, AInstP

LECTURERS

A. I. Segal, BSc *Melb.*, GradAIP  
J. N. Stephens, MA *Cantab.*, PhD *N.S.W.*, Grad AIP, AMInstF

TUTOR

J. L. K. Lising, BSc *N.S.W.*

**ARTS AND COMMERCE**

LECTURERS

M. Valerie Beers, MA BED DipEd *Melb.*—*English*  
R. D. Francis, MA *N.Z.* and *Melb.*, ABPsS—*History and Philosophy of Science*  
Mrs. Geraldine V. MacNeill, MA *N.Z.*—*English*  
E. D. Moore, BCom *Newcastle*, AASA, AICA, ACIS—*Accountancy*  
J. C. Steinke, MA *Calif.*—*Economics*

TUTORS

N. L. Adams, BSc *N.S.W.*—*Psychology*  
Mrs. Evellen Robinson, BSc *Qld.*—*History and Philosophy of Science*

## **Department of History**

### **PROFESSOR OF HISTORY**

R. J. Duncan, MA *Adel.*

### **LECTURERS**

J. S. Hagan, BA DipEd *Syd.*

A. M. Healy, BA *Syd.*, PhD *A.N.U.*

C. P. Kiernan, MA *Cantab* and *Melb.*

## **GENERAL STUDIES**

### **LECTURER**

A. A. Brownlea, BEc *Syd.*, MA *N.E.*



*The Electrical Machines Laboratory*



# General Information

## REQUIREMENTS FOR ADMISSION

### INTRODUCTORY INFORMATION

Candidates may qualify for entry to undergraduate courses by complying with the matriculation requirements set out hereunder at the New South Wales Leaving Certificate Examination, or the University of Sydney Matriculation Examination.

The New South Wales Leaving Certificate Examination is usually held in November and entries must be lodged with the Department of Education during August.

It should be noted that with the introduction of the Higher School Certificate Examination in November 1967 the matriculation requirements have been amended. The amended requirements, which will be applicable from 1st January 1968, appear on page 15.

The Matriculation Examination is held in February, and applications must be lodged at the University of Sydney during the first ten days of January except by candidates who have taken the Leaving Certificate Examination in the previous November. The closing date for such candidates will be announced when the Leaving Certificate results are published.

### MATRICULATION REQUIREMENTS IN TERMS OF THE LEAVING CERTIFICATE AND THE UNIVERSITY OF SYDNEY MATRICULATION EXAMINATION

*(To operate from 1st January, 1961)*

- I. (i) A candidate for any first degree of the University must satisfy the conditions for admission as set out hereunder before entering upon the prescribed course for a degree. Compliance with these conditions does not in itself entitle a student to enter upon a course.
- (ii) A candidate who has satisfactorily met the conditions for admission and has been accepted by the University shall be classed as a "matriculated student" of the University after enrolment.
- (iii) A person who has satisfactorily met the conditions for admission may be provided with a statement to that effect on the payment of the prescribed matriculation fee.

2. (i) For the purpose of matriculation approved subjects\* are grouped as follows:—

A.—English.

B.—Latin, Greek, French, German, Italian, Hebrew, Chinese, Japanese, Russian, Dutch, Geography, Ancient History, Modern History, Economics.

C.—Mathematics I, Mathematics II, Mathematics III.

D.—Agriculture, Applied Mathematics, General Mathematics, Biology, Botany, Chemistry, Physics, Geology, Physics and Chemistry, Physiology, Zoology.

E.—Accountancy, Art, Descriptive Geometry and Drawing, Music, Theory and Practice of Music.

(ii) In order to satisfy the conditions for admission to undergraduate courses leading to a degree candidates must pass the New South Wales Leaving Certificate Examination conducted by the Department of Education, or the University of Sydney Matriculation Examination, in at least five approved subjects at the one examination; provided that:—

I. *either*

(a) the five subjects include English and at least one subject from each of Groups B and C, but do not include more than one subject from Group E, except that candidates may qualify for admission to the Faculty of Arts only, by passing in one subject from Group D in lieu of the subject from Group C,

*or*

(b) the five subjects include English, and at least one subject from either Group B or Group C, but do not include more than one subject from Group E, and provided further that the five passes include either one first class Honours and two A's or two Honours of which one is first class,

and further provided that:—

II. (a) neither Physics nor Chemistry is offered with the combined subject Physics and Chemistry;

(b) neither Botany nor Zoology is offered with Biology;

(c) neither Botany nor Zoology nor Biology is offered with Physiology;

(d) neither Mathematics I, Mathematics II nor Mathematics III is offered with General Mathematics;

\* It should be noted that certain subjects taken for the Leaving Certificate are not approved subjects for admission to the University of New South Wales.

- (e) neither Mathematics I nor Mathematics II is offered with Mathematics III;
  - (f) Mathematics I or Mathematics II may be counted as an approved subject only if the candidate presented himself for examination in both Mathematics I and Mathematics II;
  - (g) Theory and Practice of Music is accepted only in cases where the pass was obtained at an examination in 1946 or subsequent years;
  - (h) Ancient History is accepted only in cases where the pass was obtained at an examination held in 1945 or subsequent years; and further both Modern History and Ancient History may be offered as qualifying subjects at the examinations held at the end of 1951 and subsequent years;
  - (i) Agriculture is accepted only in cases where the pass was obtained at an examination held in 1945 or subsequent years;
  - (j) Economics is accepted only in cases where the pass was obtained at an examination held in 1947 or subsequent years;
  - (k) Descriptive Geometry and Drawing is accepted only in cases where the pass was obtained at an examination held in 1954 or subsequent years.
- (iii) Candidates who have satisfactorily met the matriculation requirements of the University of Sydney, but who have not obtained the requisite pass in Mathematics where prescribed for entrance to the University of New South Wales, will be permitted to complete their qualifications to enter the University of New South Wales by passing only in a Mathematics subject from Group C, at a subsequent Leaving Certificate Examination or University of Sydney Matriculation Examination.

#### **REVISED MATRICULATION REQUIREMENTS IN TERMS OF THE HIGHER SCHOOL CERTIFICATE EXAMINATION**

*(To operate from 1st January, 1968)*

1. (i) A candidate for any first degree of the University must satisfy the conditions for admission set out hereunder before entering upon the prescribed course for a degree. Compliance with these conditions does not in itself entitle a student to enter upon a course.
- (ii) A candidate who has satisfactorily met the conditions for admission and has been accepted by the University shall be classed as a "matriculated student" of the University after enrolment.

- (iii) A person who has satisfactorily met the conditions for admission may be provided with a statement to that effect on the payment of the prescribed matriculation fee.
- 2. Except as elsewhere provided a candidate before being admitted to matriculation shall have passed at the required standard the Higher School Certificate Examination in New South Wales in at least five subjects in accordance with the following conditions:
  - (a) The subjects shall be chosen from the following subjects taken at the first, second or third level, in the Higher School Certificate Examination:
    - A. English.
    - B. (i) French, German, Greek, Latin.  
(ii) Ancient History, Art, Economics, Geography, Modern History, Music, Bahasa Indonesia, Chinese, Dutch, Hebrew, Italian, Japanese, Russian, Spanish or such other language as may, in the case of any particular candidate, be approved by the Professorial Board.
    - C. (i) Mathematics.  
(ii) Agriculture, Science.
    - D. Industrial Arts (1967 and 1968 Higher School Certificate Examinations only).
  - (b) The subjects shall include:—
    - (i) English,
    - (ii) four subjects at the first or second level,  
and,
    - (iii) one subject chosen from each of the Groups B and C and of these two subjects at least one must be from Section (i) of either Group B or Group C at the first or second level.
  - (c) The subjects shall NOT include both Art and Music.
- 3. Mathematics and Science both passed as full courses together shall, for the purpose of matriculation, be counted as three subjects, but otherwise each shall count as one subject.
- 4. The qualification for matriculation must be obtained at one examination.
- 5. In addition to the above requirements a candidate for admission to any particular faculty, course or subject shall satisfy the special requirements, if any, pertaining to that faculty, course or subject as set out in the following schedule. Where these additional requirements are not satisfied at the same examination as the requirements listed in paragraph 2 they may be met at a separate examination.



6. (a) Notwithstanding the provisions of Clauses 2, 3 and 5 of these requirements, any candidate who has taken the Higher School Certificate Examination in the subject of English and no fewer than any four other subjects named in Clause 2, at any level, may be admitted to matriculation provided he has reached a standard determined from time to time by the Professorial Board.
- (b) Mathematics and Science both taken as full courses together shall, for the purpose of this clause, be counted as three subjects.
- (c) A candidate qualifying for matriculation under this clause may also be admitted to a particular faculty, course or subject provided:—
- (i) he satisfies the special requirements pertaining to that faculty, course or subject as set out in the following schedule, or
  - (ii) the Professorial Board deems that his programme of studies for, and his performance at, the Higher School Certificate Examination constitute an adequate preparation for his admission to the particular faculty, course or subject.

#### **ADDITIONAL FACULTY, COURSE AND SUBJECT REQUIREMENTS**

##### **(a) Faculty Requirements**

##### **Applied Science, Medicine, Engineering, Science.**

Passes in *Mathematics* and *Science* at the first or second level full course.

##### **Architecture.**

Passes in *Mathematics* at the *first* or *second* level full course and in *Science* at the *first* or *second* level full course or *second* level short course provided that the *Physics* option has been taken in the short course.

##### **Commerce.**

Passes in *English* at the *first* or *second* level and *Mathematics* at the *first* or *second* level full course or *second* level short course.

##### **Arts.**

Pass in *English* at the *first* or *second* level.



**(b) Course Requirements**

**Industrial Arts (B.Sc.), Wool Technology (B.Sc.) (Education option).**

Passes in *Science* at the *first* or *second* level full course and in *Mathematics* at the *first* or *second* level full or short course provided that a student electing to include the subject *Mathematics I* in his University course shall have passed *Mathematics* at the *first* or *second* level full course.

**(c) Subject Requirements**

**French I.**

Pass in *French* at the *first* or *second* level.

**German I.**

Pass in *German* at the *first* or *second* level or pass in *Introductory German*.

**Introductory German, Introductory Spanish or Preliminary Italian.**

Pass in any other *foreign language* at the *first* or *second* level.

**Economics II or Economics III.**

Passes in *English* at the *first* or *second* level and *Mathematics* at the *first* or *second* level full course or *second* level short course.

**Mathematics I.**

Pass in *Mathematics* at the *first* or *second* level full course.

**Geology I.**

Pass in *Science* at the *first* or *second* level full course.

**Chemistry I, Physics I or General Biology.**

Passes in *Mathematics* and *Science* at the *first* or *second* level full course.

## UNDERGRADUATE COURSES OF STUDY AND DEGREES AWARDED

The basic undergraduate programme of studies available at Wollongong constitutes a selection of those subjects of study most in demand to qualify for the degrees of Bachelor of Arts, Bachelor of Commerce, Bachelor of Science and Bachelor of Science (Technology). The full requirements for these degrees are set out in the University Calendar, and the following abridged information should be read in conjunction with the detailed particulars contained in the Calendar.

The subjects of study required for these degrees are being introduced progressively at Wollongong as the demand for them becomes evident, and as facilities and staff become available. At this stage, however, it is possible for students at Wollongong to take the *first year* of all undergraduate courses offered by the University in the Faculties of Applied Science, Arts, Commerce, Engineering (Mechanical, Electrical, Civil, Industrial), Medicine and Science. The accompanying tables show the full range of courses and the extent to which they can be taken at Wollongong.

Where the subjects of the advanced years for any degree offered by the University are not available at Wollongong, the student may transfer to Kensington with full credit, in most cases, for work completed at Wollongong.

In 1967, the subjects listed in the following pages will be available at Wollongong, *subject to staff and facilities being available and to the number of enrolling students justifying the provision of such subjects.*

### BACHELOR OF ARTS (B.A.)

		Hours per week for 3 terms			
50.111	English I	.....	.....	.....	3
50.112	English II	.....	.....	.....	3
50.113	English III	.....	.....	.....	3
51.111	History I	.....	.....	.....	3
51.112	History II	.....	.....	.....	3
51.113	History III	.....	.....	.....	3
15.101	Economics I	.....	.....	.....	3
15.102	Economics II	.....	.....	.....	3
15.103	Economics III	.....	.....	.....	3
12.011	Psychology I	.....	.....	.....	5
12.012	Psychology II	.....	.....	.....	6
10.001	Mathematics I	.....	.....	.....	6
10.111W	Pure Mathematics IIW	.....	.....	.....	5
10.121W	Pure Mathematics IIW (Higher)	.....	.....	.....	6
10.112W	Pure Mathematics IIIW	.....	.....	.....	5
10.122W	Pure Mathematics IIIW (Higher)	.....	.....	.....	7
10.211W	Applied Mathematics IIW	.....	.....	.....	7

10.221W	Applied Mathematics IIW (Higher)	7
10.212W	Applied Mathematics IIIW	7
10.222W	Applied Mathematics IIIW (Higher)	8
62.151	History and Philosophy of Science I	4
62.152	History and Philosophy of Science II	4
1.001	Physics I	6
1.112	Physics II	7
2.001	Chemistry I	6
2.002	Chemistry II	9
25.511	Geology I	6
17.001	General Biology	6
17.101	Biochemistry I	9
60.001W	Geography 1W	4
60.002W	Geography IIW	5

**Note:** In 1966 the conditions governing the award of the degree of Bachelor of Arts were revised. Students are referred to the University Calendar for complete details.

The Bachelor of Arts course was introduced at Wollongong in 1964. A programme of studies consistent with the rules set out in the University Calendar may be chosen from the above-listed subjects in 1967, but it should be noted that not all these will necessarily be offered. Subject to their availability, and class timetables permitting, subjects may be taken on a full-time or part-time basis. Details concerning the subjects available and the relevant timetables are available from the Senior Administrative Officer. Full-time students normally take four subjects in their first year, while part-time students normally limit their programme in any year to no more than two subjects. The minimum time for completion of requirements for the full-time degree is three years. Part-time students may qualify in five years. However, dependent on the programme selected and the capacity of the student, the duration of the course may vary.

### BACHELOR OF COMMERCE (B.COM.) — PASS DEGREE ACCOUNTANCY — FULL-TIME COURSE

		Hours per week for 3 terms	
		Lec.	Tut.
Year I			
14.111	Accounting I	3	1
14.211	Commercial Law	2	1
15.101	Economics I	2	1
15.401	Business Statistics	2	1
		<hr/> 9	<hr/> 4

		Hours per week for 3 terms	
		Lec.	Tut.
Year II			
14.112	Accounting II <i>or</i>		
14.113	Accounting III .....	3	1
15.102	Economics II .....	2	1
	Accounting Option I .....	2	0
	Accounting Option II .....	2	0
	Humanities I .....	2	0
		<hr/> 11	<hr/> 2
Year III			
14.113	Accounting III <i>or</i>		
14.112	Accounting II .....	3	1
15.103	Economics III .....	2	1
	Accounting Option III .....	2	0
	Accounting Option IV .....	2	0
	Humanities II .....	1	0
		<hr/> 10	<hr/> 2

### BACHELOR OF COMMERCE (B.COM.) — PASS DEGREE ECONOMICS — FULL-TIME COURSE

		Hours per week for 3 terms	
		Lec.	Tut.
Year I			
14.111	Accounting I .....	3	1
15.101	Economics I .....	2	1
	<i>Plus one of the following two subjects</i>		
10.001	Mathematics I .....	4	2
15.401	Business Statistics .....	2	1
	<i>Plus one of the following two subjects</i>		
12.011	Psychology I .....	3	2
14.211	Commercial Law .....	2	1
Year II			
15.102	Economics II .....	2	1
15.103	Economics III .....	2	1
	Economics Option I <i>or</i>		
	General Option .....	2	0
	Humanities I .....	2	0

The general option requirements may be satisfied by enrolment in any subject available at Wollongong other than those offered by the Schools of Accountancy and Economics as electives, subject to the meeting of pre-requisites (for example, English I is a pre-requisite for English II) and the approval of the Head of the School concerned.

Full-time students take the full year's programme as listed above, while part-time students select a programme which permits the completion of the year in two stages spread over two years.

The minimum time for completion of the degree by full-time study is three years, while part-time students may qualify for the degree in six years.

For details of the Humanities requirements, consult the end of this section.

## BACHELOR OF SCIENCE (B.Sc.)

### Science Subjects

		Term I	Term II	Term III
		Lec. Lab./Tut.	Lec. Lab./Tut.	Lec. Lab./Tut.
<i>Group I</i>				
2.001	Chemistry I	2—4	2—4	2—4
10.001	Mathematics I	4—2	4—2	4—2
1.001	Physics I	3—3	3—3	3—3
25.511	Geology I	2—4	2—4	2—4
12.011	Psychology I	3—2	3—2	3—2
17.001	General Biology	2—4	2—4	2—4
5.001	Engineering I	3—3	3—3	2—4
<i>Group II</i>				
2.002	Chemistry II	4—5	4—5	4—5
10.111W	Pure Mathematics IIW	5	5	5
10.211W	Applied Mathematics IIW	7	7	7
10.121W	Pure Mathematics IIW (Higher)	6	6	6
10.221W	Applied Mathematics IIW (Higher)	7	7	7
10.411W	Mathematics IIW	7	7	7
1.112	Physics II	4—4	4—4	4—4
17.101	Biochemistry I	3—6	3—6	3—6
25.512	Geology II	4—5	4—5	4—5
<i>Group III</i>				
<i>Part (a)</i>				
2.003	Chemistry III	4—10	4—10	4—10
10.112W	Pure Mathematics IIIW	5	5	5
10.122W	Pure Mathematics IIIW (Higher)	7	7	7
10.212W	Applied Mathematics IIIW	7	7	7
10.222W	Applied Mathematics IIIW (Higher)	8	8	8
10.412W	Mathematics IIIW	7	7	7
1.113	Physics III	4—8	4—8	4—8
<i>Part (b)</i>				
2.053	Chemistry III (Supplementary)	3—7	2—8	2—8
1.133	Mathematical Physics	5—1	5—1	5—1

A selection of subjects qualifying for the degree of Bachelor of Science by way of the Science Course (as distinct from the specific courses such as, for example, those in Applied Chemistry, Metallurgy, etc., which also lead to this degree) have been available at Wollongong for some time. Currently, however, the full requirements of the Science Course may be taken at Wollongong if the student elects to major in Chemistry and Physics (Pass or Honours), or Mathematics.

A programme of studies, consistent with the rules set out in the Calendar may be chosen in 1967 from the above-listed subjects, and may be taken on a full or part-time basis subject to the class time-



tables. Details of time-tables may be obtained from the Senior Administrative Officer at the College. The Science Course includes the "Common First Year" (see later reference), comprising Physics I, Chemistry I, Mathematics I, and one subject chosen from General Biology, Engineering I, Psychology I or Geology I. This programme must be taken by all students proceeding to the degree of Bachelor of Science. Full-time students take the four subjects in their first year, while part-time students normally take two subjects.

### **BACHELOR OF SCIENCE (TECHNOLOGY) (B.Sc. (Tech.) )**

The degree of Bachelor of Science (Technology) is the degree awarded on completion of the part-time courses in the Faculties of Applied Science and Engineering. All the courses leading to this degree include the subjects of the "Common First Year", and therefore all courses in these faculties may be taken to at least that level. In addition, the full range of subjects in Mechanical Engineering, Electrical Engineering, Metallurgy and Mining Engineering are available at Wollongong so that these courses may be completed entirely at this centre.

While the normal method of completing these courses is through part-time study over a period of six years, it is possible for an accelerated programme to be arranged provided the circumstances of the student's employment require it, and the proposed time-table arrangements permit it.

### **'COMMON FIRST YEAR'**

The first year of the undergraduate courses in the Faculties of Applied Science (except Geography), Engineering (except Surveying, where Chemistry I is replaced by Surveying I), Medicine and Science all require the completion of Physics I, Chemistry I, Mathematics I, and an elective selected from either General Biology, Engineering I, Psychology I, Geology I or Geography I. The selection of the elective is normally governed by the particular degree the student wishes to take. For example, students wishing to graduate in Medicine or the Biological Sciences elect General Biology, while those intending to graduate in any branch of Engineering and most of the Applied Sciences elect Engineering I. This arrangement allows a final choice within fairly broad areas and the selection of the ultimate specialisation to be delayed until the first year of study has been completed.

## GENERAL STUDIES

It is a requirement of all undergraduate courses, except those for the Bachelor of Arts degree, that the programme of study includes subjects of a general nature as well as those in which a student proposes to specialise. The particular requirements vary from course to course, and the year in which this element of the course is taken. This information may be found in the Calendar. No general studies subject is normally included in the first year of any course.

The range of subjects (each of 45 hours) which may be offered at Wollongong is as follows, but their availability is subject to staff and facilities being available:—

- (a) 26.501      English
- (b) Two electives chosen from
  - 26.511      History
  - 26.301      Music
  - 69.031W    Social Geography
  - 11.011H    History of Fine Arts
  - 11.021H    History of Architecture
  - 69.022W    Russian IW
  - 26.151      Economics
  - 26.121      Psychology
  - French I (students must have passed the L.C. French examination with at least an "A" pass).
- (c) An advanced elective, normally in one of the fields already studied, chosen from the following:—
  - 69.032W    Economic Geography (Pre-requisite: Social Geography)
  - 69.023W    Russian IIW (Pre-requisite: Russian I)
  - 11.011H    History of Fine Arts (if not already taken under (b))
  - 11.021H    History of Architecture (if not already taken under (b))
  - French II (Pre-requisite: French I)

**Note:** (i) Passes in French or Russian will only be given on the basis of passing both French I and II or Russian I and II.

(ii) Enrolment in Russian will be on a selective basis.

# FULL-TIME COURSES

Faculty	Course	Award	Duration —Years	Years offered in W'gong in 1967
Applied Science	Applied Geology	B.Sc.	4	1
	Ceramic Engineering	B.Sc.	4	1
	Chemical Engineering	B.E.	4	1
	Food Technology	B.Sc.	4	1
	Fuel Engineering	B.E.	4	1
	Geography	B.Sc.	4	NIL
	Industrial Chemistry	B.Sc.	4	1
	Metallurgy	B.Sc.	4	3
	Mining Engineering	B.E.	4	2
	Polymer Science	B.Sc.	4	1
	Textile Technology	B.Sc.	4	1
	Wool Technology	B.Sc.	4	1
Architecture	Architecture	B.Arch.	5	NIL
	Building	B.Build.	4	
	Town Planning	B.T.P.	5	
Arts	Arts	B.A.	3	3
Commerce	Accountancy	B.Com.	3	3
	Applied Psychology	B.Com.	3	1
	Economics	B.Com.	3	3
	Economic History	B.Com.	3	1
	Industrial Relations	B.Com.	3	1
	Marketing	B.Com.	3	1
	Statistics	B.Com.	3	1
	Wool Commerce	B.Com.	3	1
Engineering	Civil Engineering	B.E.	4	2
	Electrical Engineering	B.E.	4	2
	Industrial Engineering	B.E.	4	2
	Mechanical Engineering	B.E.	4	2
	Surveying	B.Surv.	4	NIL
Medicine	Medicine*	M.B.	6	1
		B.S.		
Science	Applied Chemistry	B.Sc.	3	1
	Applied Psychology	B.Sc.	4	1
	Optometry	B.Optom.	4	1
	Science	B.Sc.	3	3
Board of Vocational Studies	Industrial Arts	B.Sc.	4	1
	Sheep and Wool Technology (Education Option)	B.Sc.	4	1
	Social Work	B.Soc.Wk.	4	NIL

\* Medical students may qualify for the degree of Bachelor of Science (Medicine) —B.Sc.(Med.)—by taking an additional year of special studies during their course.

# PART-TIME COURSES

Faculty	Course	Award	Duration —Years	Stages (years) available at W'gong in 1967
Applied Science	Ceramics	B.Sc.(Tech)	6	2
	Chemical Engineering	B.Sc.(Tech)	6	3
	Food Technology	B.Sc.(Tech)	6	2
	Fuel Engineering	B.Sc.(Tech)	6	3
	Industrial Chemistry	B.Sc.(Tech)	6	2
	Metallurgy	B.Sc.(Tech)	6	6
	Mining Engineering	B.Sc.(Tech.)	6	6
	Polymer Science	B.Sc.(Tech)	6	2
Architecture	Architecture	B.Arch.	7	NIL
	Building	B.Build.	5	NIL
Arts	Arts	B.A.	5	5
Commerce*	Accountancy	B.Com	6	6
	Applied Psychology	B.Com	6	3
	Economics	B.Com	6	6
	Economic History	B.Com.	6	2
	Industrial Relations	B.Com	6	1
	Marketing	B.Com.	6	2
	Statistics	B.Com	6	1
	Wool Commerce	B.Com	6	2
	Hospital Administration†	Dip. Hosp. Admin.	4	4
Engineering	Aeronautical Engineering	B.Sc.(Tech)	6	3
	Civil Engineering	B.Sc.(Tech)	6	4
	Electrical Engineering	B.Sc.(Tech)	6	6
	Industrial Engineering	B.Sc.(Tech)	6	2
	Mechanical Engineering	B.Sc.(Tech)	6	6
	Naval Architecture	B.Sc.(Tech)	6	2
	Surveying	B.Surv.	7	NIL
Science	Applied Chemistry	B.Sc.	6	2
	Applied Psychology	B.Sc.	6	2
	Science	B.Sc.	7	7
Board of Vocational Studies	Industrial Arts	B.Sc.(Tech)	6	2

\* With the approval of the Head of School concerned, each of the part-time Commerce courses may be completed in five years.

† For external students. The length of the course can be decreased by one year if the second part is taken on a full-time internal student basis at Kensington.

## GRADUATE STUDIES

Facilities are available for post-graduate studies at the College leading to the several degrees of M.A., M.Com., M.E., M.Sc., M.Tech., and Ph.D. The research interests of the staff cover a wide range of topics and persons interested in pursuing post-graduate studies should contact the appropriate Head of the Department.

**Some current fields of interest are:**

### *CHEMISTRY*

- Acid dissociation—spectroscopic investigation.
- Chemistry of natural products—alkaloids and hallucinogenic fungi.
- Copper II complexes.
- Infra-red spectroscopy.
- Ion-exchange catalysis.
- Kinetic studies.
- Relationship between chemical structure and physiological activity.
- Vanadium IV complexes.

### *GEOLOGY*

- The geology of the regional coal measures.

### *MATHEMATICS*

- Nuclear reactor theory.
- Dynamics of continuous media.

### *PHYSICS*

- Astronomy—photoelectric observations.
- High electron beams.
- Mössbauer studies of alloys.

### *CIVIL AND MECHANICAL ENGINEERING*

- Propagation of waves in air in small bore tubes.
- Losses across valves of reciprocating air compressors.
- Flow of granular materials.
- Theoretical analysis of engine cycles.
- Applied mechanics and photo elasticity.



## *ELECTRICAL ENGINEERING*

- Automatic control.
- Plant identification.
- Electrostatic precipitation.
- Heat transfer in electrical equipment.

## *METALLURGY*

- Relationship between structure and properties.
- Phase transformations.

## **RADIO COURSES**

The University's radio station, VL2UV, which broadcasts on a frequency of 1750 Kc's, began operating in May, 1961, and now offers programmes five nights a week. Special radios may be hired, or ordinary radios adapted for the reception of Radio University programmes. Students enrolling in radio courses receive printed notes which are essential for an understanding of the lectures. Seminars conducted in conjunction with the radio courses give students an opportunity to discuss with the lecturers any difficulties they may have had with the material. Selected courses are broadcast from the University's Wollongong transmitter.

Tape-recorded correspondence courses are offered to country students at extension centres or wherever a group of students exists. The programmes are recorded on twin track 5" reels of standard magnetic tape, and can be played on most tape recorders. Over forty courses are available, and in country areas groups of as few as three students may participate at fees comparable to those paid by students in metropolitan areas. Many enrolments have been accepted from students in other States and overseas.

The emphasis of radio courses has been on post-graduate and refresher courses for professional people, and subjects covered have ranged from specialities in Medicine and Dentistry to the N.S.W. Companies and Clean Air Acts. School-University bridging courses, another service of Radio University, are meeting a pressing need. These courses are designed to assist students who are proceeding from secondary school to first year university studies, but they are also helpful to students taking the Leaving Certificate. The Division also offers extension courses in the humanities to those wishing to broaden their education in subjects such as theatre, literature and child development.

Further information on Radio University programmes may be obtained from the Division of Post-graduate and Extension Studies, University of New South Wales, P.O. Box 1, Kensington.

## IDENTIFICATION OF SUBJECTS BY NUMBERS

Each subject provided by a School has an identifying number. The integer is the identifying number of the School and the numbers after the decimal point distinguish the subject from others conducted by that School, some of which may have the same name. For example, the subject number for Psychology in the first year Arts Course is 12.011 whereas the Psychology course taught as a General Studies elective has the number 26.121.

Another example is 5.301S Engineering Mechanics where the "S" indicates that the subject is taught over twenty-four weeks with a final examination held in the September period. The same subject is also taught over thirty weeks with the examination in November, and in this case has the number 5.301.

As well as providing an unambiguous means of identifying subjects with the same or similar names, the subject number is also used in the recording of enrolment and examination information on machine data processing equipment. It is therefore essential that students should cite both the correct subject name and the correct subject number in all correspondence or on forms dealing with subjects.

You should become familiar with the identifying numbers of the Schools in which you will be studying, according to the following list:

<i>Identifying Number</i>	<i>School or Department</i>	<i>Identifying Number</i>	<i>School or Department</i>
1	School of Physics	26	Department of General Studies
2	School of Chemistry	27	School of Geography
3	School of Chemical Engineering	28	Department of Marketing
4	School of Metallurgy	50	School of English
5	School of Mechanical Engineering	51	School of History
6	School of Electrical Engineering	52	School of Philosophy
7	School of Mining Engineering	53	School of Sociology
8	School of Civil Engineering	54	School of Political Science
9	School of Wool Technology	55	School of Librarianship
10	School of Mathematics	56	School of Western European Languages
11	School of Architecture and Building	57	School of Drama
12	School of Applied Psychology	60	Special Wollongong Subjects
13	School of Textile Technology	62	School of History and Philosophy of Science
14	School of Accountancy	69	Wollongong General Studies Subjects
15	School of Economics	70	School of Anatomy
16	School of Hospital Administration	71	School of Medicine
17	School of Biological Sciences	72	School of Pathology
18	Department of Industrial Engineering	73	School of Physiology
19	School of Traffic Engineering	74	School of Surgery
20	School of Highway Engineering	75	School of Obstetrics and Gynaecology
21	Department of Industrial Arts	76	School of Paediatrics
22	School of Chemical Technology	77	School of Psychiatry
23	School of Nuclear Engineering	78	School of Human Genetics
24	School of Business Administration	79	Public Health and Social Medicine
25	School of Applied Geology		

In Section D of the Calendar a short syllabus is given for each subject. The subjects are grouped under the name of the School providing them and the Schools are listed in their numerical order.

## **UNDERGRADUATE SCHOLARSHIPS AVAILABLE AT THE COLLEGE**

Various scholarships, bursaries and cadetships are tenable at The University of New South Wales and Wollongong University College.

Except where otherwise specified, applications on the forms obtainable from the Senior Administrative Officer must be lodged with him within seven days of the publication of the results of the N.S.W. Leaving Certificate Examination.

A separate application must be lodged for each category of scholarship listed below except that applicants for scholarships in Textile Technology and Wool Technology will automatically be considered for the scholarships which are offered in the same field by the Wool Research Trust Fund.

In addition to those scholarships made available by the University and other bodies as set out below, a number of industrial organizations and Government Departments sponsor students at the University. These students generally have their University fees paid by the employer and are employed at cadet rates of pay during their course.

Certain scholarships are tenable only at this College; in this category the Australian Iron and Steel Pty. Ltd. provides a number of scholarships.

Further particulars about these and other scholarships, cadetships and bursaries may be obtained from the Senior Administrative Officer, Wollongong University College, Wollongong.

### **Commonwealth Scholarships**

Students enrolling in first degree courses at the University are eligible. Benefits include payment of all tuition fees and other compulsory fees, and living allowances (these latter being subject to a means test). The closing date for applications is 30th September in the year immediately preceding that for which the scholarship is desired. Full particulars and application forms may be obtained from the Officer-in-Charge, University Branch Office, Department of Education, University Grounds, University of Sydney (Telephone: 68-2911).

### **University Scholarships**

The University annually awards up to fifteen scholarships tenable in degree courses to students who have matriculated at the Leaving Certificate Examination; ten scholarships to students who have completed Certificate Courses (Department of Technical Education); ten scholar-

ships to students who have completed Trade Courses (Department of Technical Education); and ten scholarships to part-time students who have taken the Qualifying and Matriculation course of the Department of Technical Education. The scholarships are tenable in any faculty and exempt the holder from payment of course fees during the currency of the scholarship. Scholarships will be awarded in order of merit on Leaving Certificate Examination results. They may be held only by persons who do not hold another award. Applications must be lodged after publication of Leaving Certificate Examination results and after the announcement of the award of Commonwealth Scholarships, but not later than 31st January each year.

### **Food Technology Scholarships**

A number of scholarships are usually made available by firms in the food processing industries. These scholarships have a value of \$800 per annum, payable as a living allowance to students enrolled full-time in the Food Technology degree course. These scholarships may be held concurrently with a Commonwealth Scholarship.

### **Mining Scholarships**

The Joint Coal Board and the Australian Coal Industry Research Laboratories Limited offer scholarships in full-time courses in Mining Engineering, Mechanical Engineering, Electrical Engineering, Fuel Engineering, Chemical Engineering, or Applied Geology. The value of these scholarships ranges from \$700 to \$1200 per annum (including allowance for books and instruments). These scholarships will be awarded on the understanding that applicants will normally hold a Commonwealth Scholarship which covers the cost of University fees. However, applicants without Commonwealth Scholarships may be given consideration. While scholarship holders are not under bond it is expected that they will obtain employment in Coal Mining or a related industry on graduation. Applications on forms obtainable from headmasters or from the Secretary, Joint Coal Board, Box 3842, G.P.O., Sydney, must be lodged with the Board's secretary not later than seven days after the publication of Leaving Certificate results.

### **Textile Technology Scholarships**

The textile industry provides a number of scholarships for students wishing to enrol in courses leading to the degree of Bachelor of Science (Pass and Honours) in Textile Technology. Each scholarship has a value of \$1000 per annum and may be held concurrently with a Commonwealth Scholarship. An applicant for this scholarship will also receive consideration for the Wool Research Trust Fund Scholarships in Textile Technology.



### **Wool Technology Scholarships**

Several firms and banks associated with the wool industry endow scholarships in courses leading to the Bachelor of Science degree in Wool Technology. Valued from \$600 to \$1000 per annum, these scholarships are normally tenable for four years, and may be held concurrently with a Commonwealth Scholarship. An applicant for these scholarships will also receive consideration for the Wool Research Trust Fund Scholarships in Wool Technology.

### **Wool Research Trust Fund Scholarships in Wool Technology and Textile Technology**

Eight scholarships (two for courses in Wool Technology and six for courses in Textile Technology) have been made available by the Wool Research Trust Fund (Commonwealth Government). The scholarships provide an allowance of \$800 per annum for living expenses for four years, and successful applicants may hold a Commonwealth Scholarship concurrently.

### **Scholarship in Wool Commerce**

One scholarship will be available in 1967 for students proceeding to the degree of Bachelor of Commerce in Wool Commerce. It is being provided by Felt and Textiles of Australia Ltd., and is tenable for four years at a value of \$200 per annum. It may be held concurrently with a Commonwealth Scholarship.

### **C.S.R. Scholarship in Commerce**

The Colonial Sugar Refining Co. Ltd., offers one scholarship each year to students enrolling in courses leading to the degree of Bachelor of Commerce specialising in Economics, Accountancy, Statistics, Applied Psychology or Industrial Relations. The scholarship holder will study full-time at the University during the first and fourth years of tenure; during the second and third years the scholar will be employed by the Company and enrol as a part-time student, being allowed some time off from work to attend day classes. The value of the scholarship is \$1200 per annum when studying full-time, and during the years of part-time employment with the Company the holder will be paid according to the Company's basic salary scale. This award may be held concurrently with a Commonwealth Scholarship.

### **Manufacturers' Mutual Insurance Company Scholarship in Commerce**

The Manufacturers' Mutual Insurance Company offer a scholarship each year to the value of \$200 per annum. The scholarship is available to students who desire to enter or are enrolled in one of the



full-time courses in the Faculty of Commerce leading to the Degree of Bachelor of Commerce and specialising in either Economics, Accountancy, Statistics, Applied Psychology or Industrial Relations. The scholarship will normally be tenable for three years but may be extended for a fourth year to allow the holder to proceed to a degree with honours. The scholarship may be held concurrently with another scholarship.

### **Public Service Association Scholarship**

The Public Service Association of New South Wales is offering a scholarship to children of members of the Association who are entering the first year of any full-time course. It is valued at \$200 per annum and is tenable for the normal duration of the course.

### **Scholarships in Industrial Arts**

Two scholarships, valued at \$100 per annum, are offered each year by the Institute of Industrial Engineers to students entering the full-time course in Industrial Arts leading to the B.Sc. degree. The scholarships are tenable for four years, and may not be held concurrently with any award except one providing solely for the payment of compulsory University fees.

### **Scholarship in Electrical Engineering**

The Tyree Electrical Company Pty. Ltd. provides a scholarship for students enrolling in the full-time courses in Electrical Engineering. The value of this scholarship is \$500 per annum, payable as a living allowance to students. It is normally tenable for four years but may be extended to a fifth year when the holder intends to qualify for the two degrees, Bachelor of Science and Bachelor of Engineering. It may be held concurrently with any other scholarship.

### **Ceramic Engineering Scholarship**

The State Brickworks of the New South Wales Department of Public Works offers an undergraduate scholarship in ceramic engineering. Students who have completed the first year of the course may also apply. The value of the scholarship is \$900 per annum, and applicants are expected to apply for a Commonwealth Scholarship to cover course and other fees.

### **The Clement Blazey Memorial Scholarships—Metallurgy**

Metal Manufactures Ltd. of Port Kembla, provide the Clement Blazey Memorial Scholarships for students enrolling in the full-time course in Metallurgy leading to the Degree of Bachelor of Science. Each

scholarship has a value of between \$200 to \$800 per annum payable to students as a living allowance. The scholarships will normally be tenable for four years and may be held concurrently with a Commonwealth Scholarship.

#### **Australian Iron and Steel Pty. Ltd. Scholarships in Metallurgy**

Australian Iron and Steel Pty. Ltd. has undertaken to provide two scholarships for students wishing to enrol in the full-time course for the Bachelor of Science degree in Metallurgy. The scholarships are valued at between \$360 and \$700 per annum, and applicants are expected to apply for a Commonwealth Scholarship to cover course and other fees.

#### **C.I.G.-E.M.F. Scholarships in Metallurgy**

The Commonwealth Industrial Gases Limited of Sydney has undertaken to provide scholarships for students wishing to enrol in the full-time course for the B.Sc. degree in metallurgy. Each scholarship has a value of \$1,000 and may be tenable for a maximum of four years. Applicants are expected to apply for a Commonwealth Scholarship to cover course and other University fees.

#### **Teachers' College Scholarships**

A limited number of Teachers' College Scholarships are available to undertake University studies with a view to obtaining a University degree to be followed by a year devoted exclusively to training as a teacher. Benefits include the payment of University fees and a scholarship allowance.

Scholarship holders are expected to attend the University appropriate to the home address of their parents or legal guardian. The area appropriate to students for Wollongong University College is bounded by a line drawn through and including Helensburgh, Braidwood and Moruya and whose training can be adequately undertaken at Wollongong University College.

Further information, application forms and the Teachers' College Scholarship Handbook may be obtained from the Officer in Charge, University Branch Office, Department of Education, University of Sydney (telephone 68-2911).

#### **Bursaries Awarded by The Bursary Endowment Board**

A number of bursaries tenable at the University are awarded to candidates of merit at the Leaving Certificate Examination whose family income falls within certain limits prescribed by the Bursary Endowment Board.

Application should be made to the Secretary, Bursary Endowment Board, c/o Department of Education, Bridge Street, Sydney.

## PRIZES

A number of prize awards, made possible by the generosity of sponsors, are available for competition by students at the College.

Prize awards available in 1967 are:

The Austin Keane Prize.

The S.A. Senior Prize.

The Australian Institute of Metals (Port Kembla Branch)  
Metallurgy Prize.

The Peter Beckmann Memorial Prize.

The Illawarra Branch of the N.S.W. Association of University  
Women Graduates Prize.

The Illawarra Group of the Institution of Engineers, Australia,  
Prize.

The G. W. Daniels Memorial Prize.



*The Library*

# Student Services

## THE UNIVERSITY COLLEGE UNION

Situated at the southwest end of the campus, the Union building was opened in 1965. This facility creates opportunities to encourage the development of social and intellectual intercourse between members of the Union, and provides amenities for refreshment, entertainment and recreation.

## THE LIBRARY

Emphasis is placed by the College on instruction to help students make the best use of the library facilities. Special courses to assist students in the preparation of laboratory reports, essays and seminars are conducted by the library staff.

The library, which contains over 20,000 books, is open on Monday to Thursday from 9 a.m. to 8 p.m., on Friday from 9 a.m. to 6 p.m., and on Saturday from 9 a.m. to 1 p.m.

For additional information on the library, consult the leaflet, "Enrolment Procedure for New Students".

## CHAPLAINCY SERVICE

A Chaplaincy Service is provided within the College for the benefit of students and staff by two Christian Churches.

The Service offers fellowship, personal counselling and guidance, and leadership in biblical and doctrinal studies and in worship. The Chaplains maintain close liaison with student religious societies. They may be contacted at their private addresses.

Anglican: Vacant.

Roman Catholic: The Rev. Father R. Brown, S.M., B.A.(Melb.), St. Paul's College, Bellambi. Tel.: 84-2564.



## **STUDENTS' TRAVELLING CONCESSION PASSES**

The various transport authorities provide fare concessions for certain classes of students.

Application forms for these concessions may be obtained at the Cashier's Office, Main Building.

### **Train:**

- (a) Periodical tickets are available during term time to full-time students not in employment nor in receipt of any remuneration.
- (b) Vacation travel concessions are available to students qualifying under (a) above.

**Aircraft:** Concession fares for travel overseas, inter-state and intra-state are available under the conditions ruling for the various operating companies.

## **LOST PROPERTY**

All enquiries concerning lost property should be made to the Cashier's Office.



# Procedures

## PAYMENT OF FEES

### *Completion of Enrolment*

All students are required to attend the appropriate enrolment centre during the prescribed enrolment period for authorisation of course programme. Failure to do so will incur a late fee of \$6.

Fees should be paid during the prescribed enrolment period but will be accepted without incurring a late fee during the first two weeks of First Term. (For late fees see below.) No student is regarded as having completed an enrolment until fees have been paid. *Fees will not be accepted (i.e., enrolment cannot be completed)* from new students after the end of the second week of term (i.e., 17th March, 1967), and after 31st March from students who are re-enrolling except with the express approval of the Senior Administrative Officer, which will be given in exceptional circumstances only.

### *Payment of Fees by Term*

Students who are unable to pay their fees by the year may pay by the term, in which case they are required to pay first term course fees and other fees for the year, within the first two weeks of First Term. Students paying under this arrangement will receive accounts from the University for Second and Third Term fees. These fees must be paid within the first two weeks of each term.

### *Assisted Students*

Scholarship holders or Sponsored Students who have not received an enrolment voucher or appropriate letter of authority from their sponsor at the time when they are enrolling should complete their enrolment paying their own fees. A refund of fees will be made when the enrolment voucher or letter of authority is subsequently lodged with the Cashier.

### *Extension of Time*

Any student who is unable to pay fees by the due date may apply in writing to the Senior Administrative Officer for an extension of time. Such application must give year or stage, whether full-time or part-time, and the course in which the applicant wishes to enrol, state clearly and fully the reasons why payment cannot be made and the extension sought, and must be lodged before the date on which a late fee becomes payable. Normally the maximum extension of time for the payment of

fees is until 31st March for fees due in First Term and for one month from the date on which a late fee becomes payable in Second and Third Terms.

Where an extension of time is granted to a first year student in First Term, such student is not permitted to attend classes until fees are paid, and if seeking to enrol in a restricted faculty may risk losing the place allocated.

#### *Failure to Pay Fees*

Any student who is indebted to the University and who fails to make a satisfactory settlement of his indebtedness upon receipt of due notice ceases to be entitled to membership and privileges of the University. Such a student is not permitted to register for a further term, to attend classes or examinations, or to be granted any official credentials.

No student is eligible to attend the annual examinations in any subject where any portion of his course fees for the year is outstanding after the end of the fourth week of Third Term (29th September, 1967).

In very special cases the Senior Administrative Officer may grant exemption from the disqualification referred to in the two preceding paragraphs upon receipt of a written statement setting out all relevant circumstances.

### **UNDERGRADUATE COURSE FEES\***

(Degree, Diploma and Conversion)

Where course fees are assessed on the basis of term hours of attendance the hours for each subject for purposes of fee assessment shall be those prescribed in the Calendar, irrespective of any variation from the prescribed hours which may be necessary in conducting the subject. The granting of an exemption from portion of any of the requirements of a subject in which a student is enrolled does not carry with it any exemption from the payment of fees.

**(a) Courses in the Faculties of Applied Science, Engineering and Science and degree courses in Industrial Arts and Sheep and Wool Technology.**

For the purpose of fee determination assessment is on a term basis.

A full-time course fee will be charged for any term where more than 15 hours' per week instruction, etc., is involved.

\*Fees quoted in this schedule are current at the time of publication and may be amended by the Council without notice.

- (i) Full-time Course Fee (more than 15 hours' attendance per week)—\$110 per term. In courses where attendance in 3rd term, either at lectures or survey camp, is less than five weeks, the fee for this term is \$55.
- (ii) Part-time Course Fee—over 6 hours' and up to 15 hours' attendance per week—\$55 per term.
- (iii) Part-time Course Fee—6 hours' or less attendance per week—\$28 per term.
- (iv) Course Continuation Fee—A fee of \$23 per annum (no term payment) is payable by:
  - (a) students who have once been enrolled for a thesis and have only that requirement outstanding, *or*
  - (b) students given special permission to take annual examinations without attendance at the University. (Students in this category are not required to pay the subscriptions to the College Union, the Students' Union, the Sports Association and the Library fee.)

**(b) Commerce Courses.**

For the purpose of fee determination assessment is on a term basis.

A full-time course fee will be charged for any term where more than 11 hours' per week instruction, etc., is involved.

- (i) Full-time Course Fee (more than 11 hours' attendance per week)—\$92 per term.
- (ii) Part-time Course Fee—over 4 hours' and up to 11 hours' attendance per week—\$55 per term.
- (iii) Part-time Course Fee—4 hours' or less attendance per week—\$28 per term.
- (iv) Course Continuation Fee—A fee of \$23 per annum (no term payment) is payable by:
  - (a) students who have once been enrolled for a thesis and have only that requirement outstanding, *or*
  - (b) students given special permission to take annual examinations without attendance at the University. (Students in this category are not required to pay the subscriptions to the College Union, the Students' Union, the Sports Association and the Library fee.)

**(c) Arts Courses\***

- (i) Pass—\$84 per annum per subject or \$28 per term per subject.
- (ii) Distinction Subjects or Honours—an additional \$26 per annum per subject in which distinction or honours are taken in student's second and third years and \$110 per subject per annum in the fourth year.

**(d) Miscellaneous Subjects.**

- (i) Undergraduate subjects taken as "miscellaneous subjects" (i.e. not for a degree or diploma) or to qualify for registration as a candidate for a higher degree are assessed where they appear only in an Arts course (except where approved as the humanities component in another course) according to paragraph (c) "Arts courses", above. Where the distinction section only of an Arts subject is taken the fee payable is the subject fee for a pass Arts subject. All other subjects taken as miscellaneous subjects are assessed according to paragraph (a) "Courses in the Faculties of Applied Science etc." above.

In cases where a student takes a programme of miscellaneous subjects from more than one of the categories referred to above the fees are assessed in accordance with paragraph (a) "Courses in the Faculties of Applied Science etc." above.

- (ii) Students given approval to enrol in a miscellaneous subject or subjects in addition to being enrolled in a course are assessed according to the total hours of attendance as if the additional subject formed part of the course.

**OTHER FEES**

In addition to the course fees set out above all registered undergraduates will be required to pay—

Matriculation Fee—\$7 payable at the beginning of first year.

Library Fee—annual fee—\$12.

College Union—\$12—annual subscription.

Sports Association—\$1—annual subscription.

Students' Union—\$3—annual subscription.

\*Students transferring from the Arts course to a course other than Arts and claiming credit for subjects taken in the Arts course shall have their fees for these subjects re-assessed retrospectively to conform to those payable for the course to which they transfer.

Student Activities Fee—\$2—annual subscription.

Graduation Fee—\$7—payable at the completion of the course.

Depending on the course being taken, students may also be required to pay a Chemistry Kit Hiring Charge—\$4 per kit. Additional charge for breakages and losses in excess of \$1 may be required.

*Special Examination Fees*

Deferred examination—\$5 for each subject.

Examinations conducted under special circumstances—\$7 for each subject.

Review of examination result—\$7 for each subject.

**LATE FEES**

*First Enrolments—*

Fees paid on the late enrolment session and before commencement of term	\$6
Fees paid during the 1st and 2nd weeks of term	\$12
Fees paid after the commencement of the 3rd week of term with the express approval of the Senior Administrative Officer and Head of the School concerned	\$23

*Re-Enrolments*

*First Term—*

Failure to attend enrolment centre during enrolment week	\$6
Fees paid after the commencement of the 3rd week of term to 31st March	\$12
Fees paid after 31st March where accepted with the express approval of the Senior Administrative Officer	\$23

*Second and Third Terms—all enrolments—*

Fees paid in 3rd and 4th weeks of term	\$12
Fees paid thereafter	\$23
Late lodgement of Application for Admission to Examinations (late applications will be accepted for three weeks only after prescribed dates)	\$5



## **WITHDRAWAL FROM COURSE**

Students withdrawing from a course are required to notify the Senior Administrative Officer in writing. Fees for the course accrue until a written notification is received.

Where notice of withdrawal from a course is received by the Senior Administrative Officer before the first day of First Term a refund of all fees paid other than the matriculation fee will be made.

Where a student terminates for acceptable reasons a course of study before half a term has elapsed, one half of the term's fee may be refunded. Where a student terminates a course of study after half a term has elapsed, no refund may be made in respect of that term's fees.

The Library fee is an annual fee and is not refundable where notice of withdrawal is given after the commencement of First Term.

On notice of withdrawal a partial refund of other fees is made on the following basis:—

Wollongong University College Union—where notice is given prior to the end of the fifth week of first term \$1.50, thereafter no refund.

Wollongong University College Sports Association—where notice is given prior to 30th April a full refund is made, thereafter no refund.

## **CASHIER'S HOURS**

The Cashier's office is open for the payment of fees from 9.30 a.m. to 1 p.m., and from 2 p.m. to 4.30 p.m., Monday to Friday. The Cashier's office is open for additional periods during the first four weeks of each term. Details of these additional times may be obtained from notices posted at the College before the commencement of term.

## **CHANGES IN COURSE PROGRAMMES AND WITHDRAWAL FROM SUBJECTS**

Students seeking approval of a change in their course programme or seeking to withdraw from subjects must make application to the Head of the School responsible for the course on a form available from school offices. The Senior Administrative Officer will inform students of the decision. Approval of withdrawal from subjects is not automatic, each application being determined after considering the circumstances

advanced as justifying withdrawal. It should be noted that a student is regarded as having failed in a subject if he enrolled in it in any year and did not pass the annual examination—not sitting for the examination is regarded as not passing the examination.

(Unless there are special circumstances, withdrawal from a subject after Term I will not be approved; students withdrawing after this date will therefore be held to have failed to satisfy the examiners.)

### **RESUMPTION OF COURSES**

Students wishing to resume their studies after an absence of twelve months or more are required to apply to the Senior Administrative Officer for permission to re-enrol. Students re-enrolling in this way will normally be required to satisfy conditions pertaining to the course at the time of re-enrolment. This condition applies also to students who have been re-admitted to a course after exclusion under the rules restricting students re-enrolling.

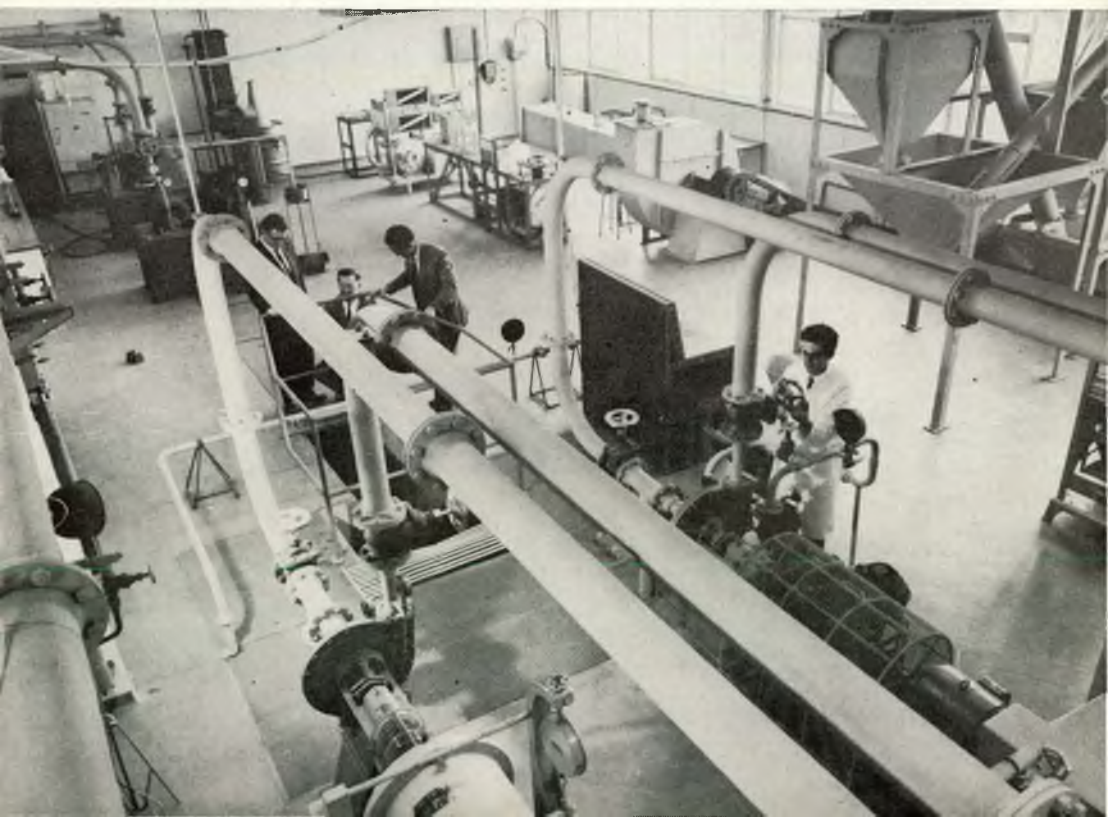
### **CHANGE OF ADDRESS**

Students are requested to notify the Senior Administrative Officer in writing of any change in their address as soon as possible. Failure to do this could lead to important correspondence of course information not reaching the student. The College cannot accept responsibility if official communications fail to reach a student who has not notified the Senior Administrative Officer of a change of address.



*The Union Building.*

*The Fluid Mechanics Laboratory*



# Rules Affecting Students

## ATTENDANCE AT CLASSES

Students are expected to be regular and punctual in attendance at all classes in the course or subject in which they are enrolled. All applications for exemption from attendance at lectures or practical classes must be made in writing to the Senior Administrative Officer.

In the case of illness or of absence for some other unavoidable cause a student may be excused by the Senior Administrative Officer from non-attendance at classes for a period of not more than one month, or on the recommendation of the Dean of the appropriate Faculty for any longer period.

Applications to the Senior Administrative Officer for exemption from re-attendance at classes, either for lectures or practical work, may only be granted on the recommendation of the Head of the appropriate School. The granting of an exemption from attendance does not carry with it exemption from payment of fees.

Application forms for exemption from lectures are available at the Administrative Office and should be lodged there (with a medical certificate where applicable). If term examinations have been missed this fact should be noted in the application.

Where a student has failed a subject at the annual examinations in any year and re-enrols in the same course in the following year, he must include in his programme of studies for that year the subject in which he has failed. This requirement will not be applicable if the subject is not offered the following year; is not a compulsory component of a particular course; or if there is some other cause, which is acceptable to the Professorial Board, for not immediately repeating the failed subject.

Where a student has attended less than eighty per cent of the possible classes, he may be refused permission to sit for the examination in that subject.

## ANNUAL EXAMINATIONS

The annual examinations take place in November-December for students in 30-week courses, and in September for students in 24-week courses. Timetables showing time and place at which individual examinations will be held are posted on the central notice boards. Mis-reading of the timetable is not an acceptable excuse for failure



to attend an examination. Examination results are posted to the term addresses of students. *No results will be given by telephone.*

Examination results may be reviewed for a fee of \$6 a subject, which is refundable in the event of an error being discovered. Applications for review must be submitted on the appropriate form, together with the necessary fee by the date indicated on the notification of results.

In the assessment of a student's progress in University courses, consideration is given to work in laboratory and class exercises and to any term or other tests given throughout the year, as well as to the annual examination results.

A student who through serious illness or other cause outside his control *is unable to attend an examination* is required to bring the circumstances (supported by a medical certificate or other evidence) to the notice of the Senior Administrative Officer *not later than seven days after the date of the examination.*

A student who believes that his performance *at an examination* has been affected by serious illness *during the year* or by other cause outside his control, and who desires these circumstances to be taken into consideration in determining his standing is required to bring the circumstances (supported by a medical certificate or other evidence) to the notice of the Senior Administrative Officer *not later than seven days after the date of the examination.*

All medical certificates should be as specific as possible concerning the severity and duration of the complaint and its effect on the student's ability to take the examinations.

A student who attempts an examination, yet claims that his performance is prejudiced by sickness *on the day of the examination*, must notify the Senior Administrative Officer or Examination Supervisor *before, during, or immediately after the examination*, and may be required to submit to medical examination.

A student suffering from a physical disability which puts him at a disadvantage in written examinations may apply to the Senior Administrative Officer for special provision when examinations are taken. The student may be required to support his request with medical evidence.

## **RULES AND PROCEDURE FOR THE CONDUCT OF EXAMINATIONS**

- (a) Candidates are required to obey any instruction given by an examination supervisor for the proper conduct of the examination.



- (b) Candidates are required to be in their places in the examination room not less than ten minutes before the time for commencement.
- (c) No bag, writing paper, blotting paper, manuscript or book, other than a specified aid, is to be brought into the examination room.
- (d) No candidate shall be admitted to an examination after thirty minutes from the time of commencement of the examination.
- (e) No candidate shall be permitted to leave the examination room before the expiry of thirty minutes from the time the examination commences.
- (f) No candidate shall be re-admitted to the examination room after he has left it unless during the full period of his absence he has been under approved supervision.
- (g) A candidate shall not by any improper means obtain, or endeavour to obtain, assistance in his work, give, or endeavour to give, assistance to any other candidate, or commit any breach of good order.
- (h) Smoking is not permitted during the course of examinations.
- (i) A candidate who commits any infringement of the rules governing examinations is liable to disqualification at the particular examination, to immediate expulsion from the examination room, and to such further penalty as may be determined in accordance with the By-Laws.

### **DEFERRED EXAMINATIONS**

Deferred examinations may be granted in the following cases:—

- (i) When a student through illness or some other acceptable circumstance has been prevented from taking the annual examination or has been placed at a serious disadvantage during the annual examinations.
- (ii) To help resolve a doubt as to whether a student has reached the required standard in a subject.

Applications for deferred examinations in the first category must be lodged with the Senior Administrative Officer with appropriate evidence of the circumstances (e.g. medical certificate) not later than seven days after the examination concerned.

A student eligible to sit for a deferred examination must lodge with the Senior Administrative Officer an application, accompanied by the fee of \$4 per subject, by the date indicated on the notification of results.

### **APPLICATION FOR ADMISSION TO A DEGREE**

Applications for admission to a degree of the University must be made on the appropriate form by 31st January. Applicants should ensure that they have completed all requirements for the degree, including industrial training where necessary.

### **APPLICATION FOR ADMISSION TO EXAMINATIONS**

All students must lodge an application for admission to examinations by 14th July, 1967.

The Cashier is authorised to receive application forms during the three weeks immediately following the prescribed closing dates if they are accompanied by a late fee of \$4. Applications forwarded more than three weeks after the closing date will not be accepted except in very exceptional circumstances and with the approval of the Senior Administrative Officer. Where an application is not accepted the student concerned is not eligible to sit for the examinations.

Applications lodged prior to the due date will be acknowledged by postcard. Students who do not receive an acknowledgement within ten days of lodging the application should contact the Senior Administrative Officer.

As a result of the application of machine methods to the processing of examination results, all students receive a pro-forma application for admission to examinations listing the subjects for which the student has formally enrolled. The return of this pro-forma duly completed constitutes the application for admission to examinations. Pro-forma applications will be posted to students on 30th June. Any student who does not receive a pro-forma application must contact the Senior Administrative Officer prior to the date prescribed for the return of applications.

### **RESTRICTION UPON STUDENTS RE-ENROLLING**

The University Council has adopted the following rules governing re-enrolment with the object of requiring students with a record of failure to show cause why they should be allowed to re-enrol and retain

valuable class places. These rules will be applied retrospectively from January, 1962.

- (i) As from 1st January, 1962, a student shall show cause why he should be allowed to repeat a subject in which he has failed more than once. (Failure in a deferred examination as well as in the annual examination counts, for the purpose of this regulation, as one failure.) Where such subject is prescribed as a part of the student's course he shall be required to show cause why he should be allowed to continue the course. A student in the medical course shall show cause why he should be allowed to repeat the second year of the course if he has failed more than once to qualify for entry to the third year.
- (ii) Notwithstanding the provisions of clause (i), a student shall be required to show cause why he should be allowed to continue a course which he will not be able to complete in the time set down in the following schedule:—

Number of years in course	Total time allowed from first enrolment to completion (years)
3	5
4	6
5	8
6	9
7	11
8	12

- \*(iii) No full-time student shall, without showing cause, be permitted to continue a course unless all subjects of the first year of his course are completed by the end of his second year of attendance. No student in the Faculty of Arts shall, without showing cause, be permitted to continue a course unless he completes four subjects, one of which must be from Group VII by the end of his second year of attendance.

No part-time student shall, without showing cause, be permitted to continue a course unless all subjects of the first two

\*Rule (iii) in so far as it relates to students in the Faculty of Arts will apply retrospectively as from 1st January, 1967, and in so far as it relates to students in the Faculty of Medicine, will apply to students enrolling for the first time in 1967 or thereafter.

stages of his course are completed by the end of his fourth year of attendance and all subjects of the third and fourth stages of his course by the end of his seventh year of attendance.

No student in the Faculty of Medicine shall, without showing cause, be permitted to continue with the medical course unless he completes the second year of the course by the end of his third year of attendance, and the third year of the course by the end of his fourth year of attendance.

- (iv) A student who has a record of failure in a course at another University shall be required to show cause why he should be admitted to this University. A student admitted to a course at this University following a record of failure at another University shall be required to show cause, notwithstanding any other provisions in these rules, why he should be permitted to continue in that course if he is unsuccessful in the annual examinations in his first year of attendance at this University.
- (v) Any student excluded under any of the clauses (i)-(iii) may apply for re-admission after two academic years and such application shall be considered in the light of any evidence submitted by him.
- (vi) A student wishing "to show cause" under these provisions shall do so in writing to the Senior Administrative Officer. Any such application shall be considered by the Professorial Board, which shall determine whether the cause shown is adequate to justify his being permitted to continue his course or re-enrol as the case may be.
- (vii) The Vice-Chancellor may on the recommendation of the Professorial Board exclude from attendance in a course or courses any student who has been excluded from attendance in any other course under the rules governing re-enrolment and whose record at the University demonstrates, in the opinion of the Board and the Vice-Chancellor, the student's lack of fitness to pursue the course nominated.



- (viii) A student who has failed, under the provisions of Clause (vi) of these rules, to show cause acceptable to the Professorial Board why he should be permitted to continue in his course, and who has subsequently been permitted to re-enrol in that course or to transfer to another course, shall also be required to show cause, notwithstanding any other provisions in these rules, why he should be permitted to continue in that course if he is unsuccessful in the annual examinations immediately following the first year of resumption or transfer of enrolment as the case may be.
- (ix) A student may appeal to an Appeals Committee constituted by Council for this purpose, against his exclusion by the Professorial Board from any subject or course.

### **RE-ADMISSION AFTER EXCLUSION**

Applications for re-admission must be made on the standard form and lodged with the Senior Administrative Officer not later than 30th June of the year prior to that for which re-admission is sought. An application should include evidence of appropriate study in the subjects (or equivalents) on account of which the applicant was excluded. In addition, evidence that the circumstances which were deemed to operate against satisfactory performance at the time of exclusion are no longer operative or are reduced in intensity, should be furnished. An applicant may be required to take the annual examinations in the relevant subjects as qualifying examinations in which case re-admission does not imply exemption from the subject.

It should be noted that a person under exclusion may not be enrolled in miscellaneous subjects unless he has received the approval of the Professorial Board.

Persons who intend applying for re-admission to the University at a future date may seek advice as to ways in which they may enhance their prospects of qualifying for re-admission. Enquiries should be made on a form obtainable from, and lodged with the Senior Administrative Officer.

### **OWNERSHIP OF STUDENTS' WORK**

The University reserves the right to retain at its own discretion the original or one copy of any drawings, models, designs, plans and specifications, essays, theses or other work executed by students as part of their courses, or submitted for any award or competition conducted by the University.



## NOTICES

Official University notices are displayed on the notice boards and students are expected to be acquainted with the contents of those announcements which concern them.

## APPLICATION OF RULES

### *General*

Any student who requires information on the application of these rules or any service which the College offers, may make enquiries from the Senior Administrative Officer.

### *Appeals*

Section 5(c) of Chapter III of the By-laws provides that "Any person affected by a decision of any member of the Professorial Board (other than the Vice-Chancellor) in respect of breach of discipline or misconduct may appeal to the Vice-Chancellor, and in the case of disciplinary action by the Vice-Chancellor, whether on appeal or otherwise, to the Council".

# Extra-Curricular Activities

*This section provides brief details only of the extra-curricular activities which are open to students.*

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## SPORTING FACILITIES

The College is currently constructing a sporting oval at the north-eastern end of its campus. This oval, when completed, will provide first class facilities for the playing of various sports. At present, a second class oval for cricket and football, hockey fields and tennis courts are available.

## THE STUDENTS' UNION

The Students' Union is a body elected by and from the students to promote student welfare and interests. Membership of the Students' Union is compulsory for all students.

*"Tertangala"*—the journal of the Wollongong University College Students' Union is published at least once each term.

## CLUBS AND SOCIETIES

All students are encouraged to participate in the activities of at least one of the various student Clubs and Societies. These clubs provide opportunities to promote the physical, social and educational development of students through their leisure time activities. The following clubs are recognised at this College:

Arts Faculty Association

Car Club

Chess Club

Climbing Club

Cricket Club

Debating Society

Drama Society

Geological Society

Liberal Arts Society

Men's Hockey Club

Metallurgical Society

National Union of Australian University Students.

Motorbike Club

Newman Society

Orchestral Society

Rugby Union Club

Science Faculty Association

Squash Club

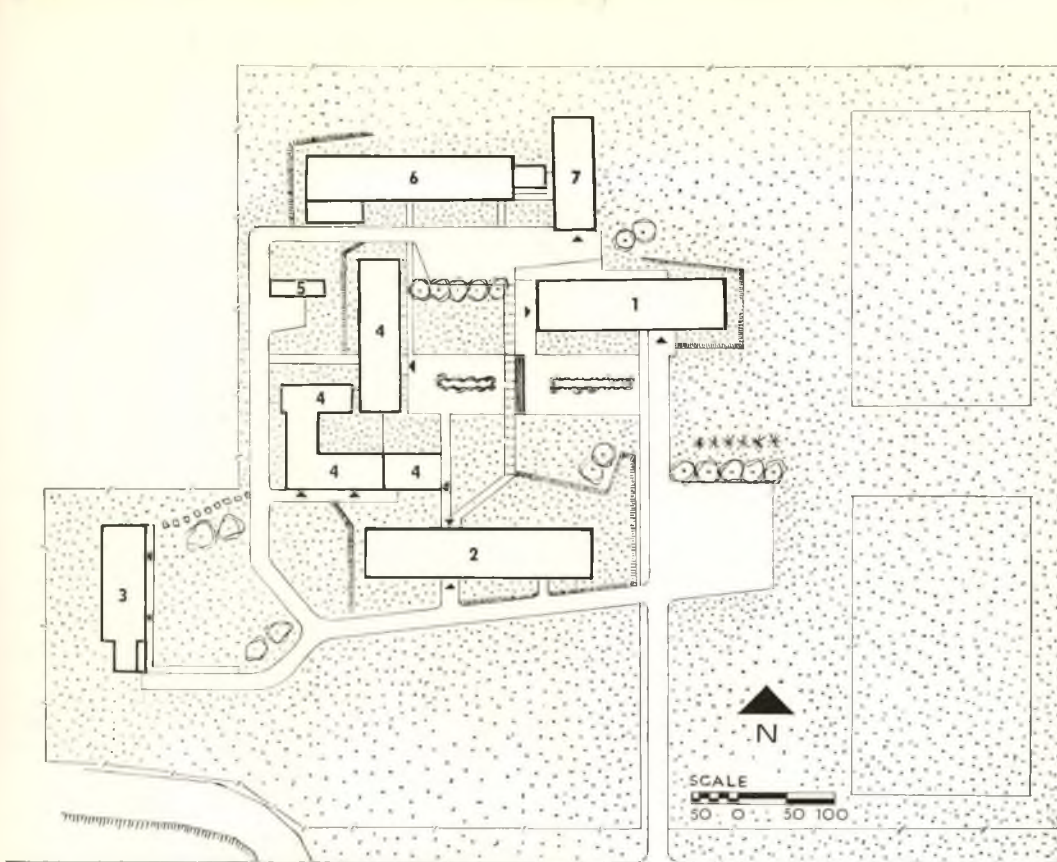
Student Christian Fellowship

Tennis Club

Women's Hockey Club

Women Students' Society

World University Service



NORTHFIELDS AVE.

## WOLLONGONG UNIVERSITY COLLEGE

## LEGEND

1. MAIN BUILDING
  - Administration
  - Bookshop
  - Commerce
  - History and Philosophy of Science
  - Library
2. SCIENCE BUILDING
  - Biology
  - Chemistry
  - General Studies
  - Geology
  - Metallurgy
3. UNION BUILDING
4. ENGINEERING BUILDING
  - Computer
  - Electrical Engineering
  - English
  - History
  - Mathematics
  - Mechanical Engineering
  - Metallurgy
5. SERVICES BUILDING
6. ENGINEERING LABORATORIES
  - Electrical Engineering
  - Mechanical Engineering
  - Workshop
7. HEAT ENGINES LABORATORY



ADAPT PAINTING CO., BANKSTOWN